

ABSTRACT OF THE DISCLOSURE

There are disclosed an elastic member which comprises (A) polyurethane foam obtained by agitationally mixing a foaming agent, a foam stabilizer and a urethane prepolymer synthesized from a polyol and a polyisocyanate in the presence of a modified silicone, or (B) polyurethane foam obtained by agitationally mixing a polyol, a polyisocyanate, a modified silicone oil bearing a functional group reactive with a polyisocyanate, a foaming agent and a foam stabilizer comprising a polyether modified silicone containing 50 to 100% by weight of a polyoxyethylene unit in the polyether moiety; image formation equipment equipped with the above elastic member; and a toner supply roller which is composed of a foamed elastic member mounted on a developing apparatus and which has a compression spring constant in the range of 0.25 to 5.0 N / mm and a surface friction resistance in the range of 0.4 to 1.2 N. The elastic member has low surface-friction resistance and uniform fine cells, and is well suited as a member for image formation equipment.

00985774 4 10504